L Number	Hits	Search Text	DB	Time stamp
51	50	(US-5767560-$ or US-4926058-$ or US-6075256-$ or US-6191411-$ or US-6127684-$ or US-4341954-$ or US-5812109-$ or US-5812284-$ or US-5841180-$ or US-4740710-$ or US-5233442-$ or US-5060040-$ or US-5591960-$ or US-5591963-$ or US-6245601-$ or US-4745488-$ or US-6127692-$ or US-5352921-$ or US-6512279-$ or US-6476867-$ or US-6239355-$ or US-5801385-$ or US-4980769-$ or US-4703169-$ or US-5272548-$ or US-5317406-$).did. or (US-4696022-$ or US-5101255-$ or US-5596198-$ or US-5914485-$ or US-5352897-$ or US-6034406-$ or US-5335094-$ or US-4811069-$).did. or (US-20020167061-$ or US-20010050402-$ or US-20010024844-$ or US-20020186813-$).did. or (JP-08116044-$ or JP-2003185751-$ or JP-09098970-$ or JP-06233197-$ or JP-11121783-$ or JP-63250634-$ or JP-04154280-$ or JP-03159483-$ or JP-63144565-$ or JP-64000775-$ or JP-62058674-$).did. or (JP-11307756-$ or JP-05335544-$).did.	USPAT; US-PGPUB; JPO; DERWENT	2004/09/29 17:02
64	2	842694.ap.	USPAT; US-PGPUB; JPO; DERWENT	2004/09/29 17:15
65	4366	((257/414) or (257/448) or (257/431) or (257/432) or (250/370.01)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 17:20
66	2	(((257/414) or (257/448) or (257/431) or (257/432) or (250/370.01)).CCLS.) and photoelectric adj conver$4 and refresh and (idle idling)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 17:20
–	0	("photoelectric adj convert$3.clm.").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 08:21
–	1198	photoelectric adj convert$3.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 08:51
–	29	(photoelectric adj convert$3.clm.) and electrode adj layer.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 09:42
–	6	((photoelectric adj convert$3.clm.) and electrode adj layer.clm.) and switching.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 09:57
–	14	(("6191411") or ("6127684") or ("6034406") or ("5914485") or ("5841180") or ("5812284") or ("5812109") or ("5335094") or ("5317406") or ("5233442") or ("5272548") or ("5060040") or ("4926058") or ("4745488")).PN.	USPAT	2002/01/17 10:40

-	41	(("4341954") or ("6191411") or ("6127684") or ("6034406") or ("5914485") or ("5841180") or ("5812284") or ("5812109") or ("5335094") or ("5317406") or ("5272548") or ("5233442") or ("5060040") or ("4926058") or ("4745488")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 13:39
-	5	((("4341954") or ("6191411") or ("6127684") or ("6034406") or ("5914485") or ("5841180") or ("5812284") or ("5812109") or ("5335094") or ("5317406") or ("5272548") or ("5233442") or ("5060040") or ("4926058") or ("4745488")).PN.) and 257/$6.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 14:07
-	0	("photoelectric.ti. and system.ti. and converter.ti,ab.").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 14:10
-	310	photoelectric.ti. and system.ti. and converter.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 14:11
-	4	photoelectric.ti. and system.ti. and converter.ti,ab. and switching and injection adj blocking	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 14:17
-	357	(257/414).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 14:18
-	1052	(257/431).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 14:18
-	660	(257/448).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 14:18
-	193	(257/449).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 14:19
-	552	(250/370.01).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 14:21
-	0	("L11 or L12 or L13 or L14 or L15 or L16 or L17 or L18").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 14:21
-	427	((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)) and photoelectric.ti,ab.	USPAT; JPO	2002/01/17 14:23

-		13	`(((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)) and photoelectric.ti,ab.) and blocking adj2 layer`	USPAT; JPO	2002/01/17 14:23
-		5	`((insulating or insulator) near10 blocking) near10 layer and (((("4341954") or ("6191411") or ("6127684") or ("6034406") or ("5914485") or ("5841180") or ("5812284") or ("5812109") or ("5335094") or ("5317406") or ("5272548") or ("5233442") or ("5060040") or ("4926058") or ("4745488") or ("6245601") or ("6075256") or ("5767560") or ("5352921") or ("5101255") or ("4811069")).PN.)`	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 14:32
-		44	`(("4341954") or ("6191411") or ("6127684") or ("6034406") or ("5914485") or ("5841180") or ("5812284") or ("5812109") or ("5335094") or ("5317406") or ("5272548") or ("5233442") or ("5060040") or ("4926058") or ("4745488") or ("6245601") or ("6075256") or ("5767560") or ("5352921") or ("5101255") or ("4811069")).PN.`	USPAT; JPO; DERWENT; IBM_TDB	2002/01/17 14:43
-		93	`(((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)) and photoelectric.ti,ab.) and lamin$5`	USPAT; JPO	2002/01/17 15:58
-		78	`schottky adj barrier and photoelectric adj conver$4.ti,ab.`	USPAT; JPO	2002/01/17 16:00
-		11	`schottky adj barrier and photoelectric adj conver$4.ti,ab. and blocking`	USPAT; JPO	2002/01/17 16:17
-		1	`switching and (idling or recess$2) and refresh$3 and (photoelectric or photo-electric) adj2 conver$3`	USPAT; JPO	2002/01/17 16:20
-		613	`switch$3 and photoelectric adj2 conver$3.ti,ab.`	USPAT; JPO	2002/01/17 16:21
-		99	`switch$3 and photoelectric adj2 conver$3.ti,ab. and (250/$6.ccls. or 257/$6.ccls.)`	USPAT; JPO	2002/01/17 16:24
-		50	`switch$3 and photoelectric adj2 conver$3.ti,ab. and (refresh$3 or reset$4 or idl$3 or stop$4) and (250/$6.ccls. or 257/$6.ccls.)`	USPAT; JPO	2002/01/17 16:29
-		33	`photoelectric adj2 conver$3.ti,ab. and ((refresh$3 or reset$4 or idl$3 or stop$4) same switch$3) and (250/$6.ccls. or 257/$6.ccls.)`	USPAT; JPO	2002/01/17 16:30
-		3	`photoelectric adj2 conver$3.ti,ab. and ((refresh$3 or reset$4) same switch$3 same (stop$4 or idl$3)) and (250/$6.ccls. or 257/$6.ccls.)`	USPAT; JPO	2002/01/17 16:37
-		1	`photoelectric adj2 conver$3.ti,ab. and ((refresh$3 or reset$4) near15 switch$3 near15 (stop$4 or idl$3)) and (250/$6.ccls. or 257/$6.ccls.)`	USPAT; JPO	2002/01/17 16:49
-		5	`photoelectric adj2 conver$3.ti,ab. and ((refresh$3 or reset$4) near15 switch$3 near15 (stop$4 or idl$3))`	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 17:21

–	2	jp-06233197$-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/17 17:22
–	5	((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)) and (reverse near10 voltage) and photoelectric adj2 converter	USPAT; JPO	2002/01/17 17:51
–	0	((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)) and ((reverse near12 voltage) near12 switch$3) and photoelectric adj2 converter	USPAT; JPO	2002/01/17 17:51
–	0	((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)) and ((reverse near15 voltage) near15 switch$3) and photoelectric adj2 converter	USPAT; JPO	2002/01/17 17:52
–	0	((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)) and ((reverse near15 (polarity or voltage)) near15 switch$3) and photoelectric adj2 converter	USPAT; JPO	2002/01/17 17:53
–	0	((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)) and ((reverse near15 (polarity or voltage or bias)) near15 switch$3) and photoelectric adj2 converter	USPAT; JPO	2002/01/17 17:53
–	23	plurality adj2 photoelectric adj conver$3.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/18 11:52
–	2	plurality adj2 photoelectric adj conver$3.clm. and switch$3.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/18 11:54
–	2	plurality adj2 photoelectric adj conver$3.clm. and switch$3.clm. and switch$3 and conver$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/18 11:54
–	3419	(("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)	USPAT; JPO	2002/01/18 13:30

-	0	(((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)) and plurality adj2 photoelectric adj2 conver$3 and switch$3 and (matrix or matrices)	USPAT; JPO	2002/01/18 13:34
-	0	(((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)) and plurality adj2 photoelectric adj2 conver$3 and switch$3	USPAT; JPO	2002/01/18 13:35
-	21	plurality adj2 photoelectric adj2 conver$3 and switch$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/18 14:23
-	5	(plurality adj2 photoelectric adj2 conver$3 and switch$3) and (common with electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/18 15:01
-	0	photoelectric adj converter.ti,ab. and signal adj process$3 and signal adj (acquisition or recorder or recording) and signal adj display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/18 15:04
-	0	(photodiode or photoelectric adj converter).ti,ab. and signal adj process$3 and signal adj (acquisition or recorder or recording) and signal adj display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/18 15:05
-	177	(photodiode or photoelectric adj converter).ti,ab. and signal and process$3 and (acquisition or recorder or recording) and display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/18 15:06
-	25	(photodiode or photoelectric adj converter).ti,ab. and (signal same (processing or processor) same (acquisition or recorder or recording) same display)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/18 15:08
-	7	(photodiode or photoelectric adj converter).ti,ab. and (signal with (processing or processor) with (acquisition or recorder or recording) with display)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/18 17:40
-	1	6277665.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/18 17:55
-	4	5591963.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 13:53
-	3548	(("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 16:17

-		0	((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)) and (phosphor same wavelength adj conversion) and photoelectric adj conver$3.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 15:36
-		5	((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)) and phosphor and photoelectric adj conver$3.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 15:38
-		45	(photoelectric adj2 element or photodiode) same wavelength adj conversion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 15:41
-		0	((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or (("250/370.01").CCLS.)) and (photoelectric adj2 element or photodiode) same wavelength adj conversion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 15:42
-		59	(phosphorous or phosphor) same wavelength adj conversion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 15:43
-		10	(phosphorous or phosphor) same wavelength adj conversion same (photodiode or photoelectric)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 15:43
-		1	(phosphorous or phosphor) same wavelength adj conversion same (photodiode or photoelectric).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 15:43
-		530	(250/370.09).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 16:18
-		0	("L10 and idling adj mode").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 16:18
-		0	(("250/370.09").CCLS.) and idling adj mode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 16:19
-		34	(("250/370.09").CCLS.) and photoelectric and carrier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 16:19
-		14	(("250/370.09").CCLS.) and photoelectric and carrier and (potential same electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 16:20

-	10	(("250/370.09").CCLS.) and photoelectric and carrier and (potential same electrode) and switch$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 16:20
-	80	(("5591963") or ("6245601") or ("6075256") or ("5914485") or ("5841180") or ("5767560") or ("5352921") or ("5352897") or ("5101255") or ("4811069") or ("6191411") or ("6034406") or ("6127684") or ("5272548") or ("4341954") or ("5812284") or ("5812109") or ("5335094") or ("5317406") or ("5233442") or ("5060040") or ("4926058") or ("4745488") or ("5591960") or ("4980769") or ("4703169") or ("4740710") or ("5596198") or ("4696022")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 16:39
-	0	("matsushita and image and recording").PN.	DERWENT	2002/01/19 17:02
-	8361	matsushita and image and recording	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/19 17:03
-	2188	matsushita and image and recording	DERWENT	2002/01/19 17:03
-	37	matsushita and image and recording and stop	DERWENT	2002/01/19 17:03
-	11	matsushita and image and recording and stop and switch$3	DERWENT	2002/01/19 17:08
-	1	4703169.pn.	DERWENT	2002/01/19 17:09
-	1	4703169.pn.	USPAT	2002/01/19 17:09
-	1	4179100.pn.	USPAT	2002/01/19 17:15
-	416	(257/414).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/30 15:35
-	269	(257/428).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/30 15:35
-	508	(257/434).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/30 15:36
-	184	(257/444).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/30 15:37
-	1109	(257/431).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/30 15:37
-	675	(257/448).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/30 15:37
-	203	(257/449).CCLS..	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/30 15:37
-	573	(250/370.01).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/30 15:37

-	595	(250/370.09).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/30 15:37
-	4282	((257/414).CCLS.) or ((257/428).CCLS.) or ((257/434).CCLS.) or ((257/444).CCLS.) or ((257/431).CCLS.) or ((257/448).CCLS.) or ((257/449).CCLS.) or ((250/370.01).CCLS.) or ((250/370.09).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/30 15:38
-	298	(((257/414).CCLS.) or ((257/428).CCLS.) or ((257/434).CCLS.) or ((257/444).CCLS.) or ((257/431).CCLS.) or ((257/448).CCLS.) or ((257/449).CCLS.) or ((250/370.01).CCLS.) or ((250/370.09).CCLS.)) and photoelectric near2 conversion.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/30 15:39
-	14	((((257/414).CCLS.) or ((257/428).CCLS.) or ((257/434).CCLS.) or ((257/444).CCLS.) or ((257/431).CCLS.) or ((257/448).CCLS.) or ((257/449).CCLS.) or ((250/370.01).CCLS.) or ((250/370.09).CCLS.)) and photoelectric near2 conversion.ti,ab.) and blocking adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/30 18:51
-	3	("5591963").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/30 18:51
-	2	takeuchi.in. and x-ray and visible and photoelectric	JPO	2002/08/30 19:13
-	1	jp-62250634$-$.did.	JPO	2002/08/30 19:13
-	1	jp-63250634$-$.did.	JPO	2002/08/30 19:13
-	292	injection adj blocking adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 09:45
-	2	injection adj blocking adj layer and photodetector.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 10:49
-	39	injection adj blocking adj (layer or film) and (photodetector or photoelectric adj conversion).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 15:16
-	16	blocking adj layer near6 (electron near6 hole) and (photoelectric or photodetector).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 15:19
-	28	blocking adj layer near12 (electron near12 hole) and (photoelectric or photodetector).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 15:49
-	0	charge adj blocking adj layer near12 (electron near3 hole) and (photoelectric or photodetector).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 15:51
-	18	blocking adj layer near12 (electron near3 hole) and (photoelectric or photodetector).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 19:50

–	401	(photoelectric or photodetector).ti,ab. and (tft or thin adj film adj transistor).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 19:51
–	31	(photoelectric or photodetector).ti,ab. and (tft or thin adj film adj transistor).ti,ab. and photoelectric adj conversion adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 19:52
–	43	(US-5352921-$ or US-5101255-$ or US-4811069-$ or US-5914485-$ or US-4341954-$ or US-6239355-$ or US-4696022-$ or US-5596198-$ or US-4740710-$ or US-6127692-$ or US-5801385-$ or US-5272548-$ or US-5233442-$ or US-5060040-$ or US-4926058-$ or US-4745488-$ or US-5317406-$ or US-6127684-$ or US-5812284-$ or US-5812109-$ or US-6034406-$ or US-5841180-$ or US-6191411-$ or US-5767560-$ or US-6245601-$ or US-6075256-$).did. or (US-5591960-$ or US-5591963-$ or US-4703169-$ or US-4980769-$ or US-5352897-$ or US-5335094-$).did. or (US-20020186813-$).did. or (JP-64000775-$ or JP-63144565-$ or JP-62058674-$ or JP-04154280-$ or JP-03159483-$ or JP-63250634-$ or JP-11121783-$ or JP-06233197-$).did. or (JP-05335544-$ or JP-11307756-$).did.	USPAT; US-PGPUB; JPO; DERWENT	2003/01/14 20:32
–	7	((US-5352921-$ or US-5101255-$ or US-4811069-$ or US-5914485-$ or US-4341954-$ or US-6239355-$ or US-4696022-$ or US-5596198-$ or US-4740710-$ or US-6127692-$ or US-5801385-$ or US-5272548-$ or US-5233442-$ or US-5060040-$ or US-4926058-$ or US-4745488-$ or US-5317406-$ or US-6127684-$ or US-5812284-$ or US-5812109-$ or US-6034406-$ or US-5841180-$ or US-6191411-$ or US-5767560-$ or US-6245601-$ or US-6075256-$).did. or (US-5591960-$ or US-5591963-$ or US-4703169-$ or US-4980769-$ or US-5352897-$ or US-5335094-$).did. or (US-20020186813-$).did. or (JP-64000775-$ or JP-63144565-$ or JP-62058674-$ or JP-04154280-$ or JP-03159483-$ or JP-63250634-$ or JP-11121783-$ or JP-06233197-$).did. or (JP-05335544-$ or JP-11307756-$).did.) and endo.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 20:33
–	103	endo.in. and photoelectric.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 20:33
–	26	endo.in. and photoelectric.ti. and x-ray.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 20:46
–	2	jp-06029510$-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 20:47

–		22	(trap trapped trapping) near6 electrons near6 interface and (photoelectric adj conver$3 photodiode) and dark adj current	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/05 11:19
–		2	("6245601").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/05 12:37
–		2	(("6245601").PN.) and (accumulation refresh$4 trap$4 mode idling)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/05 13:02
–		0	trap$4 near12 electron near12 interface near12 idl$3 adj mode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/05 13:03
–		37	trap$4 near12 electron near12 interface and (photoelectric pin schottky).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/05 13:07
–		2	trap$4 near12 electron near12 interface and idling and (photoelectric pin schottky).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/05 13:09
–		15	trap$4 near12 electron near12 interface and mode and (photoelectric pin schottky).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/05 13:13
–		7	trap$4 near12 electron near12 interface and storage near3 mode and (photoelectric pin schottky).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/05 13:13
–		0	trap$4 near12 electron near12 interface and (storage near3 mode) near12 trap$3 and (photoelectric pin schottky).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/05 13:14
–		7	trap$4 near12 electron near12 interface and (storage near3 mode) and (photoelectric pin schottky).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/05 13:15
–		0	("cdmandprotectionandpluralitynear12cdm").PN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/06 08:50
–		0	("cdmandprotectionandpluralitynear12cdm").PN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/06 08:51
–		4	cdm.ti,ab,clm. and protection and plurality near12 cdm	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/06 09:08
–		50	cdm near2 device.ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/06 09:32

–		4	513267.ap.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/06 09:33
–		0	("jp-9098970$-$.did.").PN.	USPAT; JPO; DERWENT	2003/12/26 19:38
–		2	jp-09098970$-$.did.	USPAT; US-PGPUB; JPO; DERWENT	2003/12/26 20:40
–		2	jp-06313392$-$.did.	USPAT; US-PGPUB; JPO; DERWENT	2003/12/26 19:48
–		49	(US-5596198-$ or US-4696022-$ or US-5841180-$ or US-5812109-$ or US-5335094-$ or US-6245601-$ or US-6075256-$ or US-4811069-$ or US-5767560-$ or US-5101255-$ or US-5352921-$ or US-5352897-$ or US-5591963-$ or US-5591960-$ or US-4703169-$ or US-4980769-$ or US-4740710-$ or US-6191411-$ or US-6127684-$ or US-5914485-$ or US-6034406-$ or US-5801385-$ or US-6239355-$ or US-4341954-$ or US-5317406-$ or US-5812284-$).did. or (US-5233442-$ or US-4745488-$ or US-5272548-$ or US-4926058-$ or US-5060040-$ or US-6476867-$ or US-6127692-$ or US-6512279-$).did. or (US-20020167061-$ or US-20010024844-$ or US-20010050402-$ or US-20020186813-$).did. or (JP-63144565-$ or JP-62058674-$ or JP-64000775-$ or JP-63250634-$ or JP-06233197-$ or JP-04154280-$ or JP-03159483-$ or JP-11121783-$ or JP-09098970-$).did. or (JP-11307756-$ or JP-05335544-$).did.	USPAT; US-PGPUB; JPO; DERWENT	2003/12/26 19:45
–		1	((US-5596198-$ or US-4696022-$ or US-5841180-$ or US-5812109-$ or US-5335094-$ or US-6245601-$ or US-6075256-$ or US-4811069-$ or US-5767560-$ or US-5101255-$ or US-5352921-$ or US-5352897-$ or US-5591963-$ or US-5591960-$ or US-4703169-$ or US-4980769-$ or US-4740710-$ or US-6191411-$ or US-6127684-$ or US-5914485-$ or US-6034406-$ or US-5801385-$ or US-6239355-$ or US-4341954-$ or US-5317406-$ or US-5812284-$).did. or (US-5233442-$ or US-4745488-$ or US-5272548-$ or US-4926058-$ or US-5060040-$ or US-6476867-$ or US-6127692-$ or US-6512279-$).did. or (US-20020167061-$ or US-20010024844-$ or US-20010050402-$ or US-20020186813-$).did. or (JP-63144565-$ or JP-62058674-$ or JP-64000775-$ or JP-63250634-$ or JP-06233197-$ or JP-04154280-$ or JP-03159483-$ or JP-11121783-$ or JP-09098970-$).did. or (JP-11307756-$ or JP-05335544-$).did.) and umibe.in.	USPAT; US-PGPUB; JPO; DERWENT	2003/12/26 19:45
–		17	umibe.in. and "x-ray"	USPAT; US-PGPUB; JPO; DERWENT	2003/12/26 20:23
–		1	("6245601").PN.	USPAT	2003/12/26 20:23

–	2	842694.ap.	USPAT; US-PGPUB; JPO; DERWENT	2003/12/26 20:44
–	3195	((257/414) or (257/431) or (257/448) or (257/449) or (250/370.01)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/26 20:45
–	414	(((257/414) or (257/431) or (257/448) or (257/449) or (250/370.01)).CCLS.) and photoelectric.ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/26 20:46
–	282	(((257/414) or (257/431) or (257/448) or (257/449) or (250/370.01)).CCLS.) and photoelectric near3 (conversion converter convertor).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/26 20:46
–	5	842694.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 12:39
–	2	842694.ap.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 14:35
–	2	jp-06313392$-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 15:01
–	49	(US-5812284-$ or US-5812109-$ or US-6075256-$ or US-5591963-$ or US-4811069-$ or US-5767560-$ or US-5352921-$ or US-5101255-$ or US-5352897-$ or US-4980769-$ or US-4703169-$ or US-4740710-$ or US-5596198-$ or US-4696022-$ or US-6127692-$ or US-5801385-$ or US-6239355-$ or US-6476867-$ or US-6512279-$ or US-5335094-$ or US-5060040-$ or US-5233442-$ or US-5317406-$ or US-5272548-$ or US-4745488-$ or US-4926058-$).did. or (US-5591960-$ or US-6245601-$ or US-6127684-$ or US-5914485-$ or US-6034406-$ or US-6191411-$ or US-5841180-$ or US-4341954-$).did. or (US-20020186813-$ or US-20020167061-$ or US-20010050402-$ or US-20010024844-$).did. or (JP-63144565-$ or JP-64000775-$ or JP-62058674-$ or JP-06233197-$ or JP-63250634-$ or JP-04154280-$ or JP-03159483-$ or JP-11121783-$ or JP-09098970-$ or JP-2003185751-$).did. or (JP-11307756-$ or JP-05335544-$).did.	USPAT; US-PGPUB; JPO; DERWENT	2004/06/13 14:38
–	2	umibe.in. and (idle idling)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/13 14:41
–	2	jp-08116044$-$.did.	USPAT; US-PGPUB; JPO; DERWENT	2004/06/13 14:41
–	2	842694.ap.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 15:03

-	2	("6185717").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 15:27
-	823	257/414	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 15:27
-	1725	257/431	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 15:27
-	2118	((257/414) or (257/431) or (257/448) or (257/449) or (250/370.01)).CCLS.	USPAT; US-PGPUB	2004/06/13 15:28
-	233	(((257/414) or (257/431) or (257/448) or (257/449) or (250/370.01)).CCLS.) and (convertor converter conversion conversions) and (switching switch switches)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 15:59
-	6	(((257/414) or (257/431) or (257/448) or (257/449) or (250/370.01)).CCLS.) and (convertor converter conversion conversions) and (switching switch switches) and (idler idling idle)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 15:47
-	5	(((257/414) or (257/431) or (257/448) or (257/449) or (250/370.01)).CCLS.) and (convertor converter conversion conversions) and (switching switch switches) and (idler idling idle) and (photo-electric photoelectric photo light)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 15:48
-	3	(((257/414) or (257/431) or (257/448) or (257/449) or (250/370.01)).CCLS.) and (convertor converter conversion conversions) and (switching switch switches) and (idler idling idle) and (photo-electric photoelectric photo light).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 15:49
-	2	(((257/414) or (257/431) or (257/448) or (257/449) or (250/370.01)).CCLS.) and (convertor converter conversion conversions) and (switching switch switches) and (idler idling idle) and (photo-electric photoelectric photo light).ti,ab,clm. and (semiconducting semiconductor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 15:49
-	4250	photoelectric adj conver$3.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 16:00
-	10	photoelectric adj conver$3.ti. and 257/$9.ccls. and switch$3 and photoelectric adj conversion adj mode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 16:06
-	6	(257/e31.097).CCLS.	USPAT; US-PGPUB	2004/06/13 16:08
-	2	((257/e31.097).CCLS.) and (idl$3 mode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 16:09
-	712	(257/432).CCLS.	USPAT; US-PGPUB	2004/06/13 16:10
-	1	((257/432).CCLS.) and idl$3 near3 mode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 16:10

-	154	((257/432).CCLS.) and (idl$3 mode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 16:11
-	130	(((257/432).CCLS.) and (idl$3 mode)) not (((257/414) or (257/431) or (257/448) or (257/449) or (250/370.01)).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 16:13
-	16	(((257/432).CCLS.) and (idl$3 mode)) and photoelectric near2 conver$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 16:13
-	0	(((257/432).CCLS.) and (idl$3 mode)) and photo-electric near2 conver$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/13 16:13
-	2	842694.ap.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 17:26
-	50	(US-4703169-$ or US-4696022-$ or US-4740710-$ or US-4745488-$ or US-4341954-$ or US-6127692-$ or US-6191411-$ or US-6239355-$ or US-6245601-$ or US-6476867-$ or US-6512279-$ or US-5591963-$ or US-5352921-$ or US-5596198-$ or US-5767560-$ or US-5801385-$ or US-5812284-$ or US-5812109-$ or US-5914485-$ or US-5841180-$ or US-6034406-$ or US-6127684-$ or US-6075256-$ or US-5272548-$ or US-5317406-$ or US-5233442-$).did. or (US-5335094-$ or US-5352897-$ or US-5591960-$ or US-4980769-$ or US-5060040-$ or US-4811069-$ or US-4926058-$ or US-5101255-$).did. or (US-20020167061-$ or US-20020186813-$ or US-20010024844-$ or US-20010050402-$).did. or (JP-63250634-$ or JP-64000775-$ or JP-63144565-$ or JP-03159483-$ or JP-06233197-$ or JP-04154280-$ or JP-09098970-$ or JP-2003185751-$ or JP-08116044-$ or JP-62058674-$ or JP-11121783-$).did. or (JP-05335544-$ or JP-11307756-$).did.	USPAT; US-PGPUB; JPO; DERWENT	2004/09/26 18:22
-	2	5801385.pn.	USPAT; US-PGPUB; JPO; DERWENT	2004/09/26 18:40
-	2	jp-06313392$-$.did.	USPAT; US-PGPUB; JPO; DERWENT	2004/09/26 18:40
-	0	("umibe.in.andsemiconductor").PN.	JPO	2004/09/26 18:41
-	49	umibe.in. and semiconductor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 18:50
-	3	("5591963").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 18:50

-	2	842694.ap.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 17:39
-	50	(US-6075256-$ or US-6245601-$ or US-4926058-$ or US-4745488-$ or US-5272548-$ or US-5233442-$ or US-5060040-$ or US-5335094-$ or US-5317406-$ or US-5812109-$ or US-5812284-$ or US-6034406-$ or US-5841180-$ or US-6127684-$ or US-6191411-$ or US-4341954-$ or US-5914485-$ or US-5767560-$ or US-5352921-$ or US-5596198-$ or US-4696022-$ or US-4740710-$ or US-4703169-$ or US-5801385-$ or US-6127692-$ or US-6512279-$).did. or (US-6476867-$ or US-6239355-$ or US-5101255-$ or US-4811069-$ or US-5352897-$ or US-5591963-$ or US-5591960-$ or US-4980769-$).did. or (US-20010050402-$ or US-20010024844-$ or US-20020186813-$ or US-20020167061-$).did. or (JP-03159483-$ or JP-04154280-$ or JP-63250634-$ or JP-08116044-$ or JP-2003185751-$ or JP-09098970-$ or JP-11121783-$ or JP-64000775-$ or JP-62058674-$ or JP-63144565-$ or JP-06233197-$).did. or (JP-05335544-$ or JP-11307756-$).did.	USPAT; US-PGPUB; JPO; DERWENT	2004/09/27 17:46
-	13	((US-6075256-$ or US-6245601-$ or US-4926058-$ or US-4745488-$ or US-5272548-$ or US-5233442-$ or US-5060040-$ or US-5335094-$ or US-5317406-$ or US-5812109-$ or US-5812284-$ or US-6034406-$ or US-5841180-$ or US-6127684-$ or US-6191411-$ or US-4341954-$ or US-5914485-$ or US-5767560-$ or US-5352921-$ or US-5596198-$ or US-4696022-$ or US-4740710-$ or US-4703169-$ or US-5801385-$ or US-6127692-$ or US-6512279-$).did. or (US-6476867-$ or US-6239355-$ or US-5101255-$ or US-4811069-$ or US-5352897-$ or US-5591963-$ or US-5591960-$ or US-4980769-$).did. or (US-20010050402-$ or US-20010024844-$ or US-20020186813-$ or US-20020167061-$).did. or (JP-03159483-$ or JP-04154280-$ or JP-63250634-$ or JP-08116044-$ or JP-2003185751-$ or JP-09098970-$ or JP-11121783-$ or JP-64000775-$ or JP-62058674-$ or JP-63144565-$ or JP-06233197-$).did. or (JP-05335544-$ or JP-11307756-$).did.) and (takeda.in. umibe.in.)	USPAT; US-PGPUB; JPO; DERWENT	2004/09/27 17:50
-	0	umibe.in and photoelectric adj conversion	USPAT; US-PGPUB; JPO; DERWENT	2004/09/27 17:49
-	46	umibe.in. and photoelectric adj conversion	USPAT; US-PGPUB; JPO; DERWENT	2004/09/27 17:49
-	2	idl$3 adj mode near6 weak and photoelectric	USPAT; US-PGPUB; JPO; DERWENT	2004/09/27 18:05

-	0	accumulation adj mode and umibe.in.	USPAT; US-PGPUB; JPO; DERWENT	2004/09/27 18:05
-	30	accumulation adj mode and canon.as.	USPAT; US-PGPUB; JPO; DERWENT	2004/09/27 18:06
-	0	accumulation adj mode near5 weak$3 and canon.as.	USPAT; US-PGPUB; JPO; DERWENT	2004/09/27 18:06
-	0	accumulation adj mode near5 electric and canon.as.	USPAT; US-PGPUB; JPO; DERWENT	2004/09/27 18:06
-	4	accumulation adj mode near5 field and canon.as.	USPAT; US-PGPUB; JPO; DERWENT	2004/09/27 18:23
-	6	185717.ap.	USPAT; US-PGPUB; JPO; DERWENT	2004/09/27 18:40
-	0	(kobayashi.in. kaifu.in. umibe.in.) and canon.as. and photelectric adj conversion and idling	USPAT; US-PGPUB; JPO; DERWENT	2004/09/27 18:41
-	2	(kobayashi.in. kaifu.in. umibe.in.) and canon.as. and photelectric adj conversion	USPAT; US-PGPUB; JPO; DERWENT	2004/09/27 18:41
-	2	(kobayashi.in. kaifu.in. umibe.in.) and canon.as. and photelectric	USPAT; US-PGPUB; JPO; DERWENT	2004/09/27 18:41
-	2	(kobayashi.in. kaifu.in. umibe.in.) and canon.as. and photelectric	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/27 18:42